



SEQUENCE LISTING

RECEIVED  
DEC 07 2001  
TECH CENTER 1600/2900

<110> FUJIMORI, Minoru  
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AMANO, Jun  
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NAKAMURA, Toshiyuki  
SASAKI, Takayuki

<120> Anaerobic bacterium as a drug for cancer gene therapy

<130> 2001-WMC/01736

<140> 09/816,391

<141> 2001-03-26

<150> JP 00/287688

<151> 2000-09-21

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<213> Bifidobacterium longum

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atgcgctagt atcattgatg acaacatgga ctaagcaaaa gtgcttgtcc cctgacccaa 180  
gaaggatgct tt atg gca tac aac aag tct gac ctc gtt tcg aag atc gcc 231

Met Ala Tyr Asn Lys Ser Asp Leu Val Ser Lys Ile Ala  
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cag aag tcc aac ctg acc aag gct cag gcc gag gct gct gtt aac gcc 279

Gln Lys Ser Asn Leu Thr Lys Ala Gln Ala Glu Ala Ala Val Asn Ala  
15 20 25

ttc cag gat gtg ttc gtc gag gct atg aag tcc ggc gaa ggc ctg aag 327

Phe Gln Asp Val Phe Val Glu Ala Met Lys Ser Gly Glu Gly Leu Lys  
30 35 40 45

ctc acc ggc ctg ttc tcc gct gag cgc gtc aag cgc ccg gct cgc acc 375

Leu Thr Gly Leu Phe Ser Ala Glu Arg Val Lys Arg Pro Ala Arg Thr  
50 55 60

ggc cgc aac ccg cgc act ggc gag cag att gac att ccg gct tcc tac 423

Gly Arg Asn Pro Arg Thr Gly Glu Gln Ile Asp Ile Pro Ala Ser Tyr  
65 70 75

ggc gtt cgt atc tcc gct ggc tcc ctg ctg aag aag gcc gtc acc gag 471

Gly Val Arg Ile Ser Ala Gly Ser Leu Leu Lys Lys Ala Val Thr Glu  
80 85 90

tgaccttctg ctcgtagcga ttacttcgag cattactgac gacaaagacc ccgaccgaga 531  
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<213> Artificial sequence

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